

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044426.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2022 01:42
 Operator : YP/AJ
 Sample : N5360-22MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20221114-COMP-13MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:04:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.699	4922366	36.376 ug/mlm
Spiked Amount 50.000		Recovery =	72.75%
6) S 2-Fluorobiphenyl (SURR)	8.560	3393031	36.181 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.36%
11) S ortho-Terphenyl (SURR)	11.593	3436415	20.029 ug/mlm
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	4336757	29.753 ug/ml
2) T Naphthalene (C11.7)	6.042	5000360	32.116 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	5126055	32.446 ug/ml
5) T Acenaphthylene (C15.06)	8.364	5102094	33.834 ug/ml
7) T Acenaphthene (C15.5)	8.659	5473251	35.371 ug/ml
8) T Flouorene (C16.55)	9.438	5533118	35.978 ug/ml
9) T Phenanthrene (C19.36)	10.831	5586383	37.149 ug/mlm
10) T Anthracene (C19.43)	10.905	5591621	38.164 ug/mlm
12) T Fluoranthene (C21.85)	12.637	5494552	36.155 ug/ml
13) T Pyrene (C20.8)	12.934	5496367	36.974 ug/mlm
14) T Benzo[a]anthracene (C...	14.798	5347566	38.205 ug/mlm
15) T Chrysene (C27.41)	14.840	5839639	39.874 ug/mlm
16) T benzo[b]fluoranthene ...	16.340	5260105	36.575 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.374	4904269	34.493 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	4674457	33.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	5030694	36.895 ug/mlm
20) T Dibenz[a,h]anthracene...	18.116	4798497	35.624 ug/ml
21) T Benzo[g,h,i]perylene ...	18.331	4913527	35.994 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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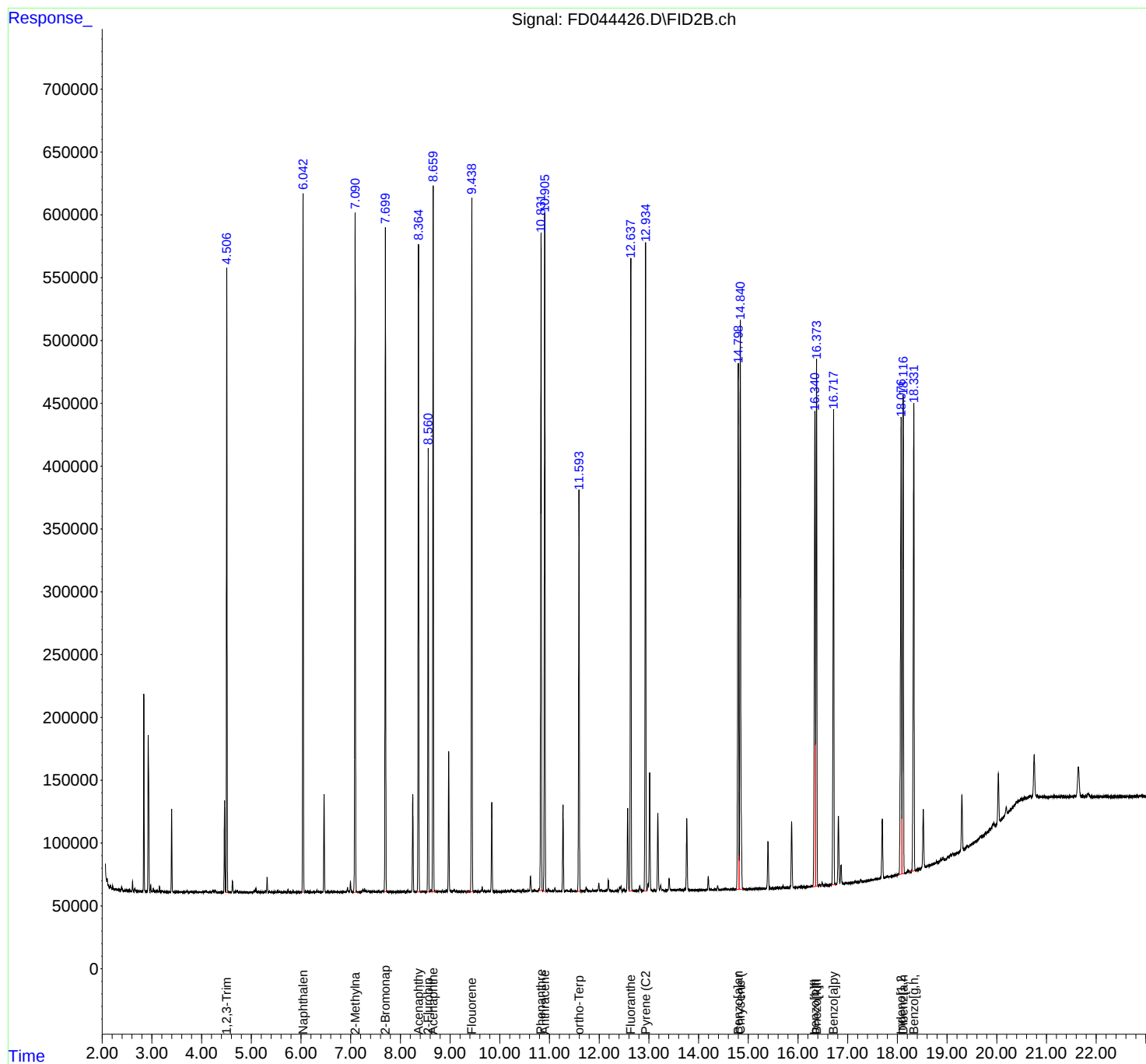
Instrument :
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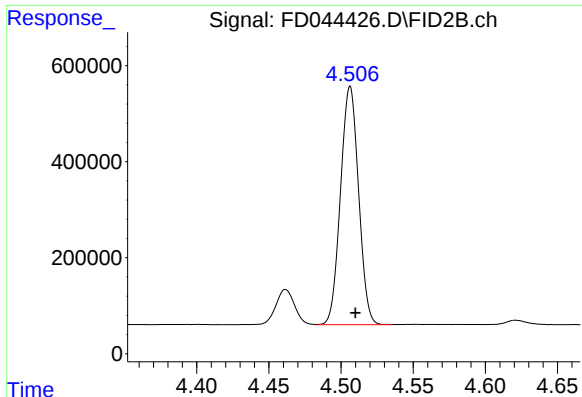
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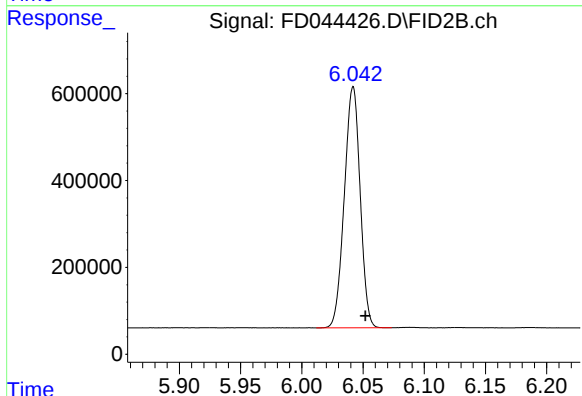
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 4336757
Conc: 29.75 ug/ml

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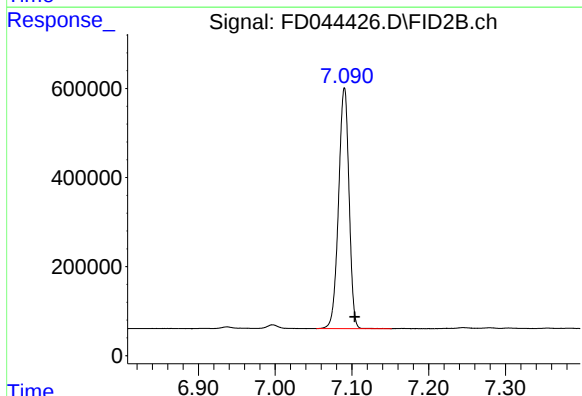
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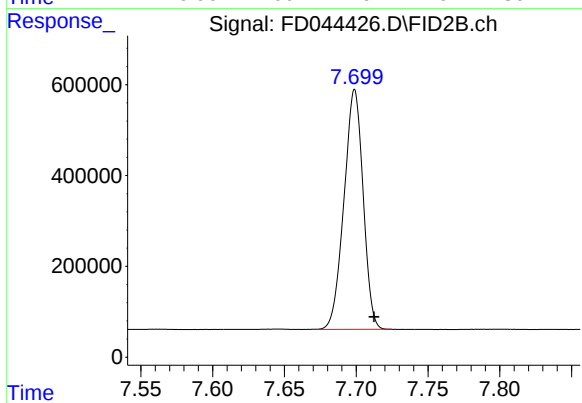
#2 Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.010 min
Response: 5000360
Conc: 32.12 ug/ml



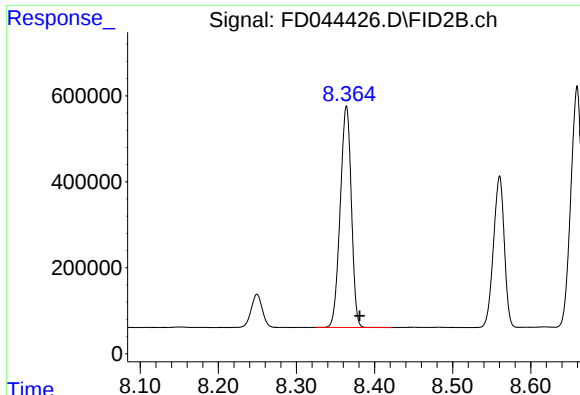
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.013 min
Response: 5126055
Conc: 32.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.699 min
Delta R.T.: -0.014 min
Response: 4922366
Conc: 36.38 ug/ml m



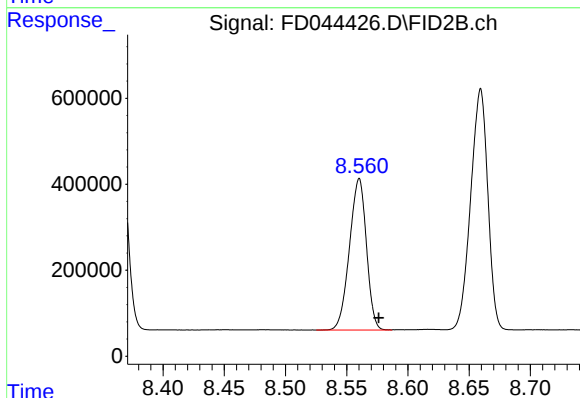
#5 Acenaphthylene (C15.06)

R.T.: 8.364 min
Delta R.T.: -0.017 min
Response: 5102094
Conc: 33.83 ug/ml

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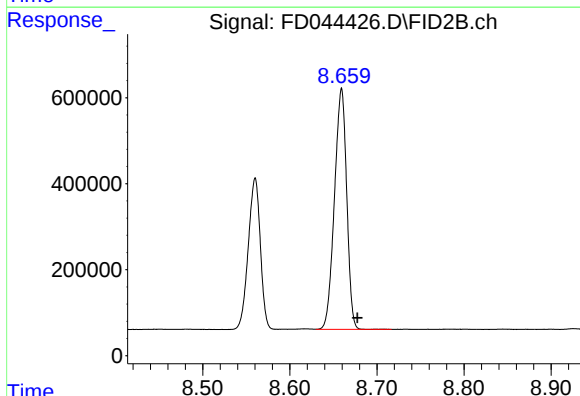
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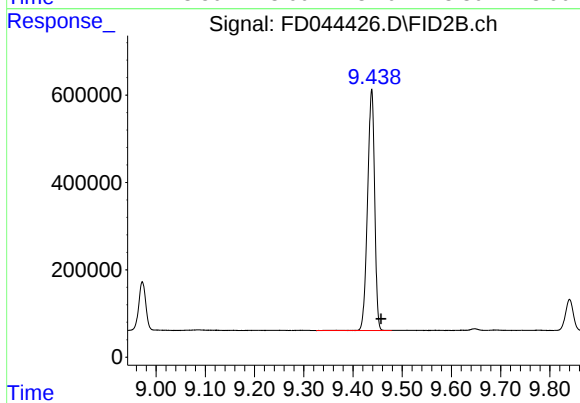
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.016 min
Response: 3393031
Conc: 36.18 ug/ml



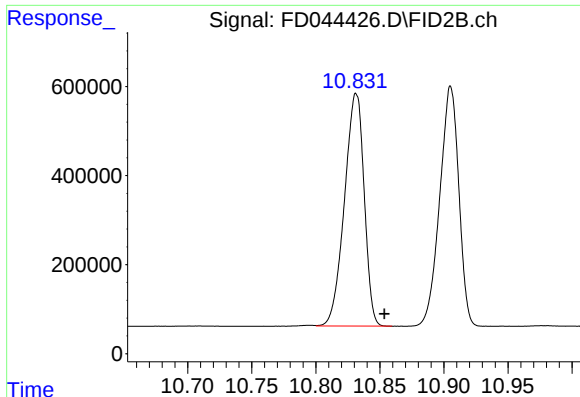
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.018 min
Response: 5473251
Conc: 35.37 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.438 min
Delta R.T.: -0.019 min
Response: 5533118
Conc: 35.98 ug/ml



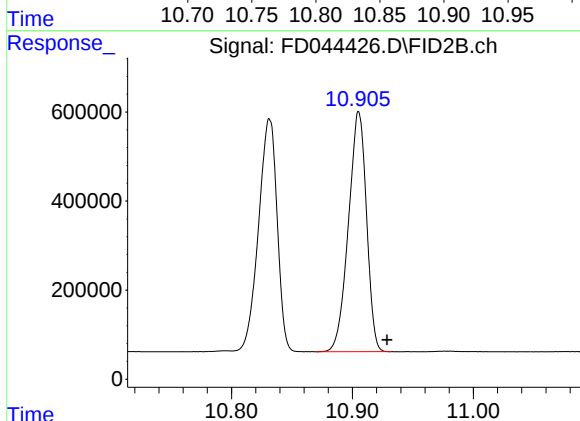
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: -0.023 min
Response: 5586383
Conc: 37.15 ug/ml

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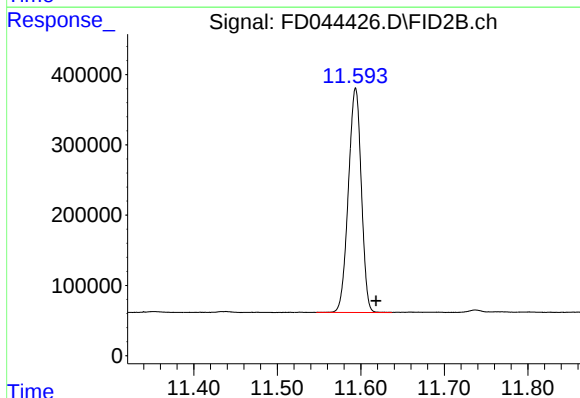
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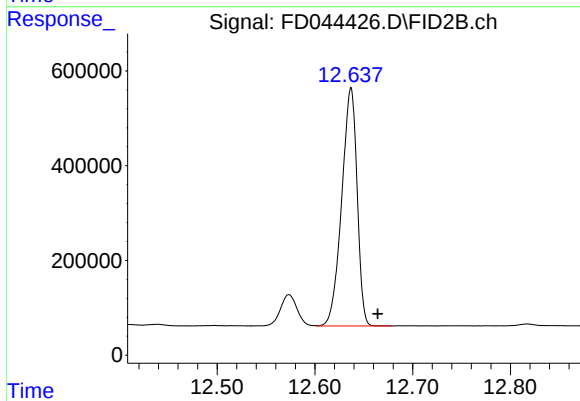
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.024 min
Response: 5591621
Conc: 38.16 ug/ml m



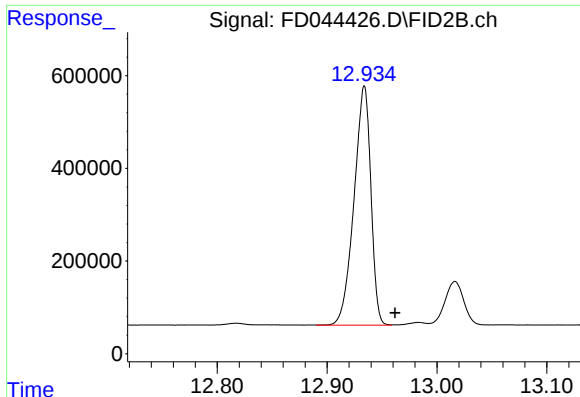
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.025 min
Response: 3436415
Conc: 20.03 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: -0.028 min
Response: 5494552
Conc: 36.16 ug/ml



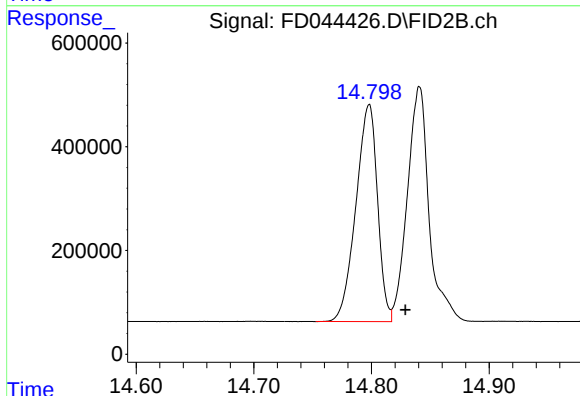
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: -0.028 min
Response: 5496367
Conc: 36.97 ug/ml

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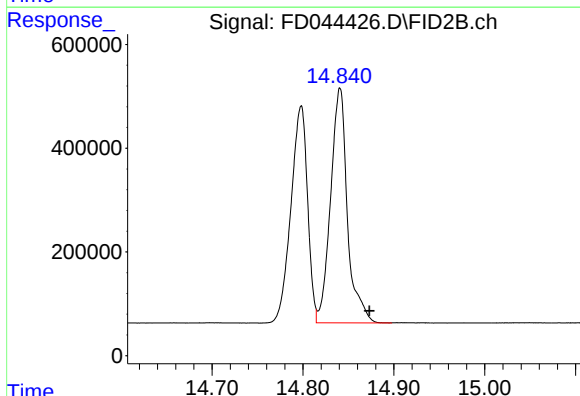
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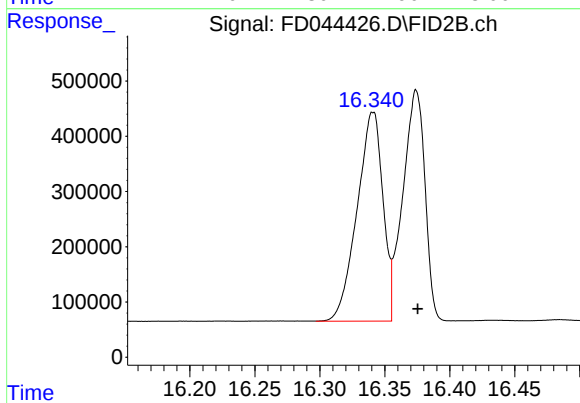
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: -0.031 min
Response: 5347566
Conc: 38.20 ug/ml m



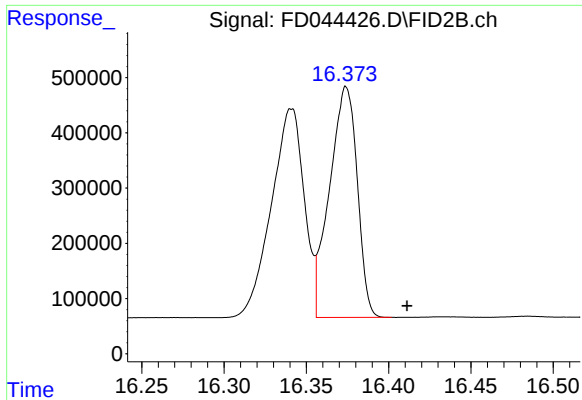
#15 Chrysene (C27.41)

R.T.: 14.840 min
Delta R.T.: -0.033 min
Response: 5839639
Conc: 39.87 ug/ml m



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.340 min
Delta R.T.: -0.036 min
Response: 5260105
Conc: 36.57 ug/ml m



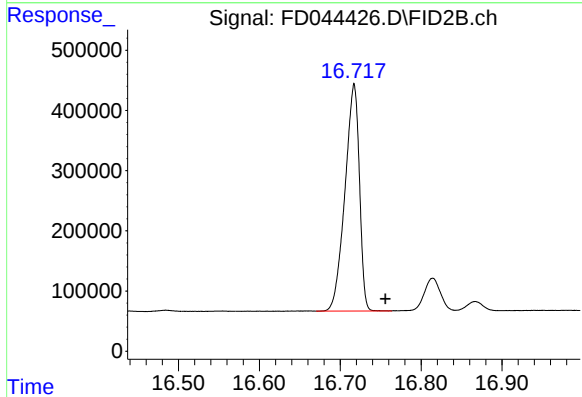
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.374 min
Delta R.T.: -0.037 min
Response: 4904269
Conc: 34.49 ug/ml

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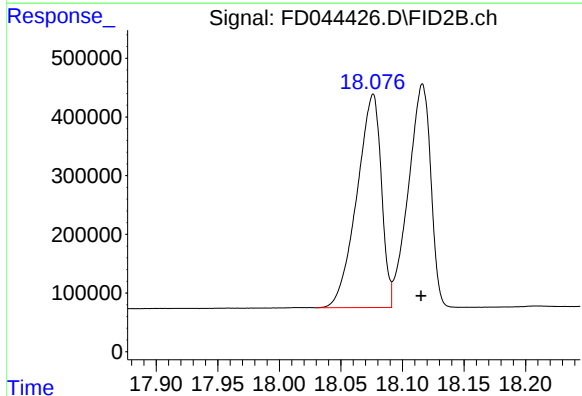
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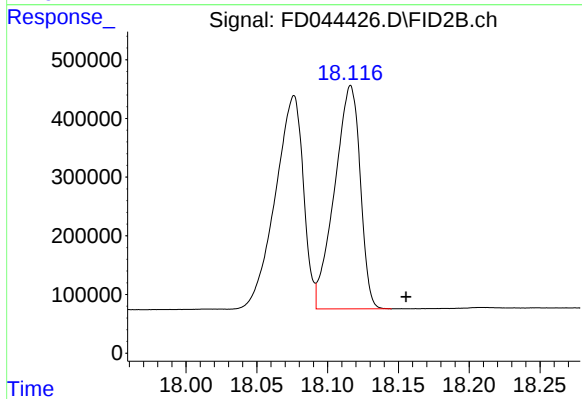
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: -0.039 min
Response: 4674457
Conc: 33.41 ug/ml



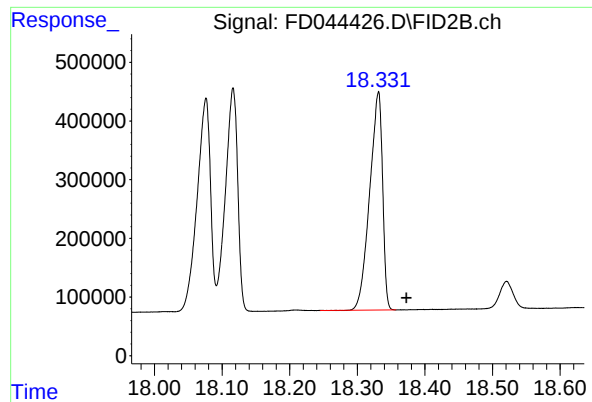
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: -0.039 min
Response: 5030694
Conc: 36.89 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.116 min
Delta R.T.: -0.039 min
Response: 4798497
Conc: 35.62 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.331 min
Delta R.T.: -0.042 min
Response: 4913527
Conc: 35.99 ug/ml

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